Colin G Scanes

List of Publications by Year
in descending order

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221 papers	6,432 citations	61984 43 h-index	102487 66 g-index
234 all docs	234 docs citations	234 times ranked	2548 citing authors

#	Article	IF	Citations
1	PURIFICATION AND RADIOIMMUNOASSAY OF CHICKEN GROWTH HORMONE. Journal of Endocrinology, 1977, 73, 321-329.	2.6	200
2	Biology of stress in poultry with emphasis on glucocorticoids and the heterophil to lymphocyte ratio. Poultry Science, 2016, 95, 2208-2215.	3.4	177
3	Plasma concentrations of somatomedin-C in hypophysectomized, dwarf and intact growing domestic fowl as determined by heterologous radioimmunoassay. Journal of Endocrinology, 1985, 104, 233-239.	2.6	170
4	The Effect of Thyrotropin-Releasing Hormone (TRH) and Somatostatin (GHRIH) on Growth Hormone and Prolactin Secretion in vitro and in vivo in the Domestic Fowl (Gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (	2.6	146
5	VARIATIONS IN CONCENTRATIONS OF PROLACTIN, LUTEINIZING HORMONE, GROWTH HORMONE AND PROGESTERONE IN THE PLASMA OF BROODY BANTAMS (GALLUS DOMESTICUS). Journal of Endocrinology, 1979, 80, 51-57.	2.6	138
6	Cimaterol-Induced Muscle Hypertrophy and Altered Endocrine Status in Lambs. Journal of Animal Science, 1987, 65, 1514-1524.	0.5	138
7	Perspectives on the endocrinology of poultry growth and metabolism. General and Comparative Endocrinology, 2009, 163, 24-32.	1.8	114
8	Abnormalities in the plasma concentrations of thyroxine, tri-iodothyronine and growth hormone in sex-linked dwarf and autosomal dwarf White Leghorn domestic fowl (Gallus domesticus). Journal of Endocrinology, 1983, 97, 127-135.	2.6	112
9	Hormones and Growth in Poultry. Poultry Science, 1984, 63, 2062-2074.	3.4	112
10	Radioimmunoassay of prolactin in the plasma of the domestic fowl. General and Comparative Endocrinology, 1976, 30, 12-20.	1.8	105
11	Effects of Glucocorticoids on Circulating Concentrations of Thyroxine (T₄) and Triiodothyronine (T₃) and on Peripheral Monodeiodination in Pre- and Post-Hatching Chickens. Hormone and Metabolic Research, 1983, 15, 233-236.	1.5	98
12	Chicken gonadotrophins: Their effects on the testes of immature and hypophysectomized Japanese quail. Cell and Tissue Research, 1975, 156, 499-520.	2.9	89
13	INFLUENCE OF FASTING, GLUCOSE AND INSULIN ON THE LEVELS OF GROWTH HORMONE AND PROLACTIN IN THE PLASMA OF THE DOMESTIC FOWL (GALLUS DOMESTICUS). Journal of Endocrinology, 1978, 76, 501-506.	2.6	88
14	Inhibition of Growth in Chickens by Testosterone, 5Î±-Dihydrotestosterone, and 19-Nortestosterone. Poultry Science, 1992, 71, 357-366.	3.4	82
15	Age and breed differences in thyroid hormones, insulin-like growth factor (IGF)-I and IGF binding proteins in female horses.. Journal of Animal Science, 1996, 74, 1936.	0.5	82
16	Fractionation and assay of chicken pituitary hormones. British Poultry Science, 1972, 13, 603-610.	1.7	80
17	Plasma and pituitary luteinizing hormone in Japanese quail during photoperiodically induced gonadal growth and regression. General and Comparative Endocrinology, 1973, 21, 84-98.	1.8	80
18	AN HOMOLOGOUS RADIOIMMUNOASSAY FOR CHICKEN FOLLICLE-STIMULATING HORMONE: OBSERVATIONS ON THE OVULATORY CYCLE. Journal of Endocrinology, 1977, 73, 473-481.	2.6	75

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19	Growth Hormone Secretion: Molecular and Cellular Mechanisms and In Vivo Approaches. Experimental Biology and Medicine, 2004, 229, 291-302.	2.4	71
20	Growth hormone effects on in vitro metabolism of avian adipose and liver tissue. General and Comparative Endocrinology, 1977, 33, 322-328.	1.8	69
21	Functional differentiation of the embryonic chicken pituitary gland studied by immunohistological approach. General and Comparative Endocrinology, 1979, 39, 158-163.	1.8	67
22	THE EFFECT OF DAYLENGTH AND LEVEL OF FEEDING ON SERUM PROLACTIN IN GROWING LAMBS. Journal of Endocrinology, 1975, 64, 549-554.	2.6	66
23	Prolactin release in vitro and in vivo in the pigeon and the domestic fowl following administration of synthetic thyrotrophin-releasing factor (TRF). General and Comparative Endocrinology, 1975, 25, 298-306.	1.8	60
24	Variations in plasma prolactin, thyroid hormones, gonadal steroids and growth hormone in turkeys during the induction of egg laying and moult by different photoperiods. British Poultry Science, 1979, 20, 143-148.	1.7	60
25	The effect of daylength on the growth of lambs 2. Blood concentrations of growth hormone, prolactin, insulin and thyroxine, and the effect of feeding. Animal Science, 1979, 29, 43-51.	1.3	60
26	Comparative Stimulation of Growth Hormone Secretion in Anaesthetized Chickens by Human Pancreatic Growth Hormone-Releasing Factor (hpGRF) and Thyrotrophin-Releasing Hormone (TRH). Neuroendocrinology, 1984, 39, 314-320.	2.5	59
27	Some <i>in vitro</i> Effects of Synthetic Thyrotrophin Releasing Factor on the Secretion of Thyroid Stimulating Hormone from the Anterior Pituitary Gland of the Domestic Fowl. Neuroendocrinology, 1974, 15, 1-9.	2.5	57
28	Effects of Polychlorinated Biphenyls on Thyroid Hormones and Liver Type I Monodeiodinase in the Chick Embryo. Ecotoxicology and Environmental Safety, 1999, 43, 195-203.	6.0	56
29	Neuroendocrine-Immune Interactions. Poultry Science, 1994, 73, 1049-1061.	3.4	55
30	The Global Importance of Poultry. Poultry Science, 2007, 86, 1057-1058.	3.4	55
31	Avian Models for Research in Toxicology and Endocrine Disruption. Avian Biology Research, 2003, 14, 21-52.	1.3	52
32	An evaluation of methods for measuring stress in broiler chickens. Poultry Science, 2018, 97, 3381-3389.	3.4	52
33	Effect of Î²-adrenergic agonists on lipolysis and lipogenesis by porcine adipose tissue in vitro. Journal of Animal Science, 1990, 68, 1024-1029.	0.5	51
34	Diurnalâ€nocturnal changes in food intake, gut storage of ingesta, food transit time and metabolism in growing broiler chickens: A model for temporal control of energy balance. British Poultry Science, 1993, 34, 699-709.	1.7	51
35	Stimulatory Effect of Ghrelin on Isolated Porcine Somatotropes. Neuroendocrinology, 2003, 77, 367-379.	2.5	50
36	The Effect of Rapeseed Meal and Methimazole on Levels of Plasma Hormones in Growing Broiler Cockerels. Poultry Science, 1979, 58, 1575-1583.	3.4	49

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37	Comparison of the Ontogenesis of Thyroid Hormones, Growth Hormone, and Insulin-like Growth Factor-I inad Libitumand Food-Restricted (Altricial) European Starlings and (Precocial) Japanese Quail. General and Comparative Endocrinology, 1996, 101, 304-316.	1.8	49
38	Growth hormone and proclatin in avian species. Life Sciences, 1981, 28, 2895-2902.	4.3	47
39	Growth and physiological condition of black ducks reared on acidified wetlands. Canadian Journal of Zoology, 1987, 65, 2953-2958.	1.0	45
40	Hormonal Responses to Protein Restriction in Two Strains of Chickens with Different Growth Characteristics. Journal of Nutrition, 1987, 117, 758-763.	2.9	45
41	Influence of chronic melatonin implantation on circulating levels of catecholamines, growth hormone, thyroid hormones, glucose, and free fatty acids in the pigeon. General and Comparative Endocrinology, 1990, 79, 226-232.	1.8	45
42	Endocrine peptides 'moonlighting' as immune modulators: roles for somatostatin and GH-releasing factor. Journal of Endocrinology, 1995, 147, 383-396.	2.6	45
43	angiogenic activity of anterior pituitary tissue and growth hormone on the chick embryo chorio-allantoic membrane : A novel action of GH. Life Sciences, 1995, 56, 587-594.	4.3	44
44	Effects of Polychlorinated Biphenyl Mixtures and Three Specific Congeners on Growth and Circulating Growth-Related Hormones. General and Comparative Endocrinology, 1997, 106, 221-230.	1.8	44
45	Acute effects of short-term feed deprivation and refeeding on circulating concentrations of metabolites, insulin-like growth factor I, insulin-like growth factor binding proteins, somatotropin, and thyroid hormones in adult geldings.. Journal of Animal Science, 1997, 75, 1351.	0.5	43
46	Effects of mammalian and avian gonadotropins on in vitro progesterone production by avian ovarian granulosa cells. General and Comparative Endocrinology, 1980, 41, 1-7.	1.8	42
47	Stimulation of growth hormone secretion by human pancreatic growth-hormone-releasing factor and thyrotrophin-releasing hormone in anaesthetized chickens. General and Comparative Endocrinology, 1984, 56, 198-203.	1.8	42
48	Effect of different separation protocols between mares and foals on plasma cortisol and cell-mediated immune response. Journal of Equine Veterinary Science, 1990, 10, 363-368.	0.9	42
49	Growth Hormone and Insulin-Like Growth Factors in Poultry Growth: Required, Optimal, or Ineffective?. Poultry Science, 1991, 70, 1764-1780.	3.4	42
50	Phosphorylation of prolactin and growth hormone. Journal of Molecular Endocrinology, 1992, 8, 183-191.	2.5	42
51	Effect of a Tryptophan Deficiency on Thyroid Gland, Growth Hormone and Testicular Functions in Chickens. Journal of Nutrition, 1983, 113, 1756-1765.	2.9	41
52	Effect of Mammalian Growth Hormone and Prolactin on the Growth of Hypophysectomized Chickens. Experimental Biology and Medicine, 1986, 182, 201-207.	2.4	40
53	Effects of Androgen (Testosterone, 5Î±-Dihydrotestosterone, 19-Nortestosterone) Administration on Growth in Turkeys. Poultry Science, 1992, 71, 539-547.	3.4	40
54	Avian metabolism: its control and evolution. Frontiers in Biology, 2013, 8, 134-159.	0.7	40

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55	Growth hormone: Its physiology and control. The Journal of Experimental Zoology, 1984, 232, 443-452.	1.4	39
56	Postnatal changes in circulating concentrations of growth hormone, somatomedin C and thyroid hormones in pigs. Domestic Animal Endocrinology, 1987, 4, 253-257.	1.6	39
57	Growth hormone secretion from chicken adenohypophyseal cells in primary culture: Effects of human pancreatic growth hormone-releasing factor, thyrotropin-releasing hormone, and somatostatin on growth hormone release. General and Comparative Endocrinology, 1987, 65, 408-414.	1.8	39
58	Feed intake, body weight, body condition score, musculation, and immunocompetence in aged mares given equine somatotropin.. Journal of Animal Science, 1997, 75, 755.	0.5	39
59	Human Activity and HabitatÂLoss: Destruction, Fragmentation, andÂDegradation. , 2018, , 451-482.		39
60	Purification and properties of an avian prolactin. General and Comparative Endocrinology, 1975, 27, 371-379.	1.8	38
61	Ionic and endocrine factors influencing the secretion of luteinizing hormone by chicken anterior pituitary cells in vitro. General and Comparative Endocrinology, 1980, 41, 260-265.	1.8	38
62	Synthetic human pancreatic growth hormone releasing factor (GRF) stimulates growth hormone secretion in the domestic fowl (). Life Sciences, 1984, 34, 1127-1134.	4.3	38
63	Growth Hormone Size Variants: Changes in the Pituitary During Development of the Chicken. Proceedings of the Society for Experimental Biology and Medicine, 2000, 223, 67-74.	1.8	38
64	The relationship between reproductive activity and blood calcium in the calciumâ€deficient hen. British Poultry Science, 1979, 20, 559-564.	1.7	37
65	Physiology of ghrelin and related peptides. Domestic Animal Endocrinology, 2005, 29, 111-144.	1.6	37
66	Hormonal responses and tolerance to cold of female quail following parathion ingestion. Pesticide Biochemistry and Physiology, 1982, 18, 132-138.	3.6	36
67	Ontogeny of Pituitary Growth Hormone and Growth Hormone mRNA in the Chicken. Experimental Biology and Medicine, 1993, 202, 109-113.	2.4	36
68	Atrazine and the Hypothalamo-Pituitary-Gonadal Axis in Sexually Maturing Precocial Birds: Studies in Male Japanese Quail. Toxicological Sciences, 2005, 86, 152-160.	3.1	36
69	ROLE OF SEROTONIN IN THE REGULATION OF GROWTH HORMONE AND PROLACTIN SECRETION IN THE DOMESTIC FOWL. Journal of Endocrinology, 1981, 90, 355-358.	2.6	35
70	Variation in the release of thyroxine, triiodothyronine and growth hormone in response to thyrotrophin releasing hormone during development of the domestic fowl. European Journal of Endocrinology, 1983, 102, 220-223.	3.7	35
71	Lipolytic Activity of Purified Pituitary and Bacterially Derived Growth Hormone on Chicken Adipose Tissue in Vitro. Experimental Biology and Medicine, 1985, 180, 513-517.	2.4	35
72	Corticosterone and growth hormone levels in shorebirds during spring and fall migration stopover. , 1999, 284, 645-651.		35

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73	Aminergic involvement in the control of luteinizing hormone secretion in the domestic fowl. General and Comparative Endocrinology, 1981, 45, 162-166.	1.8	34
74	Enhanced Growth and Immune Development in Dwarf Chickens Treated with Mammalian Growth Hormone and Thyroxine. Experimental Biology and Medicine, 1984, 175, 351-360.	2.4	34
75	Control of Energy Balance during Egg Production in the Laying Hen. Journal of Nutrition, 1987, 117, 605-611.	2.9	33
76	Effects of Ovine Growth Hormone and Other Anterior Pituitary Hormones on Lipolysis of Rat and Ovine Adipose Tissue In Vitro1. Journal of Animal Science, 1984, 58, 1191-1197.	0.5	31
77	Thyroid Function, Growth Hormone, and Organ Growth in Broilers Deficient in Phosphorus. Poultry Science, 1987, 66, 1995-2004.	3.4	31
78	Acute effects of hypophysectomy and administration of pancreatic and thyroid hormones on circulating concentrations of somatomedin-C in young chickens: Relationship between growth hormone and somatomedin-C. Domestic Animal Endocrinology, 1988, 5, 283-289.	1.6	31
79	The Suppressive Effects of Testosterone on Growth in Young Chickens Appears to be Mediated via a Peripheral Androgen Receptor; Studies of the Anti-Androgen ICI 176,334. Poultry Science, 1996, 75, 763-766.	3.4	31
80	Plasma LH and gonadal LH-binding cells in normal and surgically decapitated chick embryos. General and Comparative Endocrinology, 1989, 74, 1-13.	1.8	30
81	Influence of androgens on plasma concentrations of growth hormone in growing castrated and intact chickens. General and Comparative Endocrinology, 1990, 77, 466-475.	1.8	30
82	Endocrine-nutrition interactions in birds. The Journal of Experimental Zoology, 1990, 256, 98-105.	1.4	30
83	Effect of hypophysectomy and growth hormone on immune development in the domestic fowl. Developmental and Comparative Immunology, 1993, 17, 331-339.	2.3	30
84	The influence of mammalian and avian gonadotropins on in vitro ovarian steroid synthesis in the turtle (Chrysemys picta). General and Comparative Endocrinology, 1976, 28, 2-9.	1.8	29
85	Somatomedins (insulin-like growth factors), but not growth hormone, are mitogenic for chicken heart mesenchymal cells and act synergistically with epidermal growth factor and brain fibroblast growth factor. Life Sciences, 1984, 35, 335-346.	4.3	29
86	Characterization of a Bioactive 15 kDa Fragment Produced by Proteolytic Cleavage of Chicken Growth Hormone. Endocrine, 2001, 15, 231-240.	2.2	29
87	Number of Secretory Vesicles in Growth Hormone Cells of the Pituitary Remains Unchanged After Secretion. Experimental Biology and Medicine, 2004, 229, 632-639.	2.4	29
88	Comparison of the ability of the three endogenous GnRHs to stimulate release of follicle-stimulating hormone and luteinizing hormone in chickens. Domestic Animal Endocrinology, 2006, 31, 141-153.	1.6	29
89	Age-related changes of the somatotrophs of the domestic fowl Gallus gallus. Cell and Tissue Research, 1985, 239, 87-91.	2.9	28
90	Effects of Interrupted Photoperiods on the Induction of Ovulation in Anestrous Mares. Journal of Animal Science, 1985, 61, 951-955.	0.5	27

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91	Lack of Estrogenic or Antiestrogenic Actions of Soy Isoflavones in an Avian Model: The Japanese Quail. Poultry Science, 2006, 85, 1885-1889.	3.4	27
92	Self-Suppression of Corticosteroidogenesis: Evidence for a Role of Adrenal 5Î±-Reductase*. Endocrinology, 1984, 115, 2464-2472.	2.8	26
93	Effect of Age and Protein Restriction on the Clearance and Secretion of Growth Hormone in the Domestic Fowl. Poultry Science, 1988, 67, 120-125.	3.4	26
94	Immunocytochemical studies of chicken somatotrophs and somatotroph granules before and after hatching. Cell and Tissue Research, 1993, 272, 369-374.	2.9	26
95	Catecholamine involvement in the control of growth hormone secretion in the domestic fowl. General and Comparative Endocrinology, 1984, 54, 360-371.	1.8	25
96	Adrenocortical Cell Function in the Hypophysectomized Domestic Fowl: Effects of Growth Hormone and 3,5,3â€²- Triiodothyronine Replacement*. Endocrinology, 1985, 117, 928-933.	2.8	25
97	Circulating concentrations of growth hormone during growth, maturation, and reproductive cycles in ring doves (Streptopelia risoria). General and Comparative Endocrinology, 1981, 45, 381-385.	1.8	24
98	Isolated adrenocortical cells of the domestic fowl (Gallus domesticus): Steroidogenic and ultrastructural properties. The Journal of Steroid Biochemistry, 1985, 22, 273-279.	1.1	22
99	Growth Hormone Inhibition of Glucagon- and cAMP-Induced Lipolysis by Chicken Adipose Tissue in Vitro. Experimental Biology and Medicine, 1987, 184, 456-460.	2.4	22
100	Polyhormonal regulation of avian and mammalian corticosteroidogenesis in vitro. Comparative Biochemistry and Physiology A, Comparative Physiology, 1987, 88, 131-140.	0.6	22
101	Biology of the Gastrointestinal Tract in Poultry. Avian Biology Research, 2014, 7, 193-222.	0.9	22
102	Loss of Sensitivity to ACTH of Adrenocortical Cells Isolated from Maturing Domestic Fowl. Experimental Biology and Medicine, 1985, 179, 279-282.	2.4	21
103	Growth, protein synthesis and plasma concentrations of growth hormone, thyroxine and triiodothyronine in dwarf, control and growth-selected strains of broiler-type domestic fowl. Comparative Biochemistry and Physiology A, Comparative Physiology, 1986, 83, 627-632.	0.6	21
104	Growth hormone release from chicken anterior pituitary cells in primary culture: TRH and hpGRF synergy, protein synthesis, and cyclic adenosine 3â€²5â€²-monophosphate. General and Comparative Endocrinology, 1989, 73, 12-20.	1.8	21
105	Ontogeny of Insulin-like Growth Factors (IGF-I and IGF-II) and IGF-Binding Proteins in the Chicken Following Hatching. General and Comparative Endocrinology, 1997, 107, 109-117.	1.8	20
106	The Thyroid Hormone, 3,5,3â€²-Triiodothyronine, Is a Negative Modulator of Domestic Fowl (Gallus gallus) Tj ETQq0 0 0 rgBT /Overlock 251-261.	1.8	20
107	Growth Hormone Metabolism in Essential Fatty Acid-deficient and Pair-fed Nondeficient Chicks. Journal of Nutrition, 1979, 109, 330-338.	2.9	19
108	Effect of Thyroid Hormones on Growth Hormone Secretion in Broiler Chickens. Poultry Science, 1986, 65, 384-390.	3.4	18

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109	Inhibition of Growth Hormone-Stimulated Lipolysis by Somatostatin, Insulin, and Insulin-like Growth Factors (Somatomedins) in Vitro. Experimental Biology and Medicine, 1988, 189, 362-366.	2.4	18
110	Somatostatin inhibition of thyrotropin-releasing hormone- and growth hormone-releasing factor-induced growth hormone secretion in young and adult anesthetized chickens. General and Comparative Endocrinology, 1989, 75, 256-264.	1.8	18
111	Triiodothyronine inhibition of thyrotropin-releasing hormone- and growth hormone-releasing factor-induced growth hormone secretion in anesthetized chickens. General and Comparative Endocrinology, 1989, 73, 477-484.	1.8	18
112	Chronic administration of growth hormone (GH) to adult chickens exerts marked effects on circulating concentrations of insulin-like growth factor-I (IGF-I), IGF binding proteins, hepatic GH regulated gene I, and hepatic GH receptor mRNA. Endocrine, 1997, 6, 117-124.	2.2	18
113	Influence of Continuous Growth Hormone or Insulin-Like Growth Factor I Administration in Adult Female Chickens. General and Comparative Endocrinology, 1999, 114, 315-323.	1.8	18
114	Light intensity preferences of broiler chickens: implications for welfare. Animal, 2019, 13, 2857-2863.	3.3	18
115	Influences of Growth Hormone on Glucose Uptake by Avian Adipose Tissue. Poultry Science, 1983, 62, 1838-1845.	3.4	17
116	Possible involvement of adenylyl cyclase-cAMP-protein kinase A pathway in somatostatin inhibition of growth hormone release from chicken pituitary cells. General and Comparative Endocrinology, 1991, 81, 113-119.	1.8	17
117	Introduction to Endocrinology: Pituitary Gland. , 2000, , 437-460.		17
118	Time Course of Changes in Plasma Concentrations of the Growth Related Hormones during Protein Restriction in the Domestic Fowl (Gallus domesticus). Experimental Biology and Medicine, 1987, 185, 420-426.	2.4	16
119	Effect of Thyroxine and Chicken Growth Hormone on Immune Function in Autoimmune Thyroiditis (Obese) Strain Chicks. Experimental Biology and Medicine, 1992, 199, 114-122.	2.4	16
120	A Growth Hormone (GH) Analog that Antagonizes the Lipolytic Effect but Retains Full Insulin-Like (Antilipolytic) Activity of GH. Experimental Biology and Medicine, 1993, 203, 311-316.	2.4	16
121	The effects of dietary vitamin E and selenium deficiencies on plasma thyroid and thymic hormone concentrations in the chicken. Developmental and Comparative Immunology, 2005, 29, 265-273.	2.3	16
122	Values, trust and science â€“ building trust in today's food system in an era of radical transparency. Poultry Science, 2016, 95, 2219-2224.	3.4	16
123	Broiler stress responses to light intensity, flooring type, and leg weakness as assessed by heterophil-to-lymphocyte ratios, serum corticosterone, infrared thermography, and latency to lie. Poultry Science, 2020, 99, 3301-3311.	3.4	16
124	Seasonal variations in the circulating concentrations of growth hormone in male Peking duck (Anas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Comparative Endocrinology, 1980, 41, 76-79.	1.8	15
125	Adrenergic control of lipogenesis and lipolysis in the chicken in vitro. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1985, 82, 137-142.	0.2	15
126	Heterogeneity of chicken growth hormone (cGH). Identification of lipolytic and non-lipolytic variants.. Life Sciences, 1989, 45, 2201-2207.	4.3	15

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127	Lipolytic and Antilipolytic Effects of Human Growth Hormone, Its 20-Kilodalton Variant, A Reduced and Carboxymethylated Derivative, and Human Placental Lactogen on Chicken Adipose Tissue In Vitro. Experimental Biology and Medicine, 1990, 193, 269-273.	2.4	15
128	Ontogenic Changes in the Circulating Concentrations of Insulin-like Growth Factor (IGF)-I, IGF-II, and IGF-Binding Proteins in the Chicken Embryo. General and Comparative Endocrinology, 1997, 106, 265-270.	1.8	15
129	Nanobiology and physiology of growth hormone secretion. Experimental Biology and Medicine, 2012, 237, 126-142.	2.4	15
130	The utility of infrared thermography for evaluating lameness attributable to bacterial chondronecrosis with osteomyelitis. Poultry Science, 2019, 98, 1575-1588.	3.4	15
131	Lipolytic and diabetogenic effects of native and biosynthetic growth hormone in the chicken: A re-evaluation. Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 101, 871-878.	0.6	14
132	Salmonella enterica Serovar typhimurium Colonization of the Crop in the Domestic Turkey: Influence of Probiotic and Prebiotic Treatment (Lactobacillus acidophilus and Lactose). Avian Diseases, 2004, 48, 279-286.	1.0	14
133	Pharmacological studies on the noradrenergic control of luteinizing hormone secretion in the domestic fowl. General and Comparative Endocrinology, 1983, 49, 358-363.	1.8	13
134	Immunogold identification of the somatotrophs of domestic fowl of different ages. Cell and Tissue Research, 1988, 251, 581-585.	2.9	13
135	Research Note: Effect of Biosynthetic Chicken Growth Hormone on Egg Production in White Leghorn Hens. Poultry Science, 1990, 69, 1818-1821.	3.4	13
136	Evidence for Functionally Distinct Subpopulations of Steroidogenic Cells in the Domestic Turkey (Meleagris gallopavo) Adrenal Gland. General and Comparative Endocrinology, 1995, 98, 57-72.	1.8	13
137	Subpopulations of Somatotropes with Differing Intracellular Calcium Concentration Responses to Secretagogues. Neuroendocrinology, 2007, 85, 221-231.	2.5	13
138	Effects of Gradation in Protein-Calorie Restriction on the Hypothalo-Pituitary-Gonadal Axis in Young Domestic Fowl. Poultry Science, 1982, 61, 800-803.	3.4	12
139	Episodic growth hormone secretion in the domestic fowl (Gallus domesticus): Alpha adrenergic regulation. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1984, 78, 409-413.	0.2	12
140	Pharmacological Investigations on the Lipolytic and Antilipolytic Effects of Growth Hormone (GH) in Chicken Adipose Tissue in Vitro: Evidence for Involvement of Calcium and Polyamines. Experimental Biology and Medicine, 1988, 188, 177-184.	2.4	12
141	Influence of catecholamines, prostaglandins and thyroid hormones on growth hormone secretion by chicken pituitary cells in vitro. Domestic Animal Endocrinology, 1990, 7, 35-42.	1.6	12
142	Triiodothyronine Reduces Growth Hormone Secretion and Pituitary Growth Hormone mRNA in the Chicken, in Vivo and in Vitro. Experimental Biology and Medicine, 1994, 205, 340-346.	2.4	12
143	Effects of Leptin on Intracellular Calcium Concentrations in Isolated Porcine Somatotropes. Neuroendocrinology, 2004, 80, 73-82.	2.5	12
144	Immunocytochemical distribution of somatotrophs in porcine anterior pituitary. Histochemistry and Cell Biology, 2004, 122, 571-577.	1.7	12

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145	Effect of transportation and shackling on plasma concentrations of corticosterone and heterophil to lymphocyte ratios in market weight male turkeys in a commercial operation. Poultry Science, 2020, 99, 546-554.	3.4	12
146	Effect of androgens and gonadotropins on progesterone secretion of chicken granulosa cells. Comparative Biochemistry and Physiology A, Comparative Physiology, 1985, 81, 847-852.	0.6	11
147	Possible participation of calcium in growth hormone release and in thyrotropin-releasing hormone and human pancreatic growth hormone-releasing factor synergy in a primary culture of chicken pituitary cells. General and Comparative Endocrinology, 1989, 75, 481-491.	1.8	11
148	The Effects of Protein Restriction on Insulin-Like Growth Factor-I and IGF-Binding Proteins in Chickens. Experimental Biology and Medicine, 1998, 218, 322-328.	2.4	11
149	Protein Metabolism. , 2015, , 455-467.		11
150	Avian Physiology: Are Birds Simply Feathered Mammals?. Frontiers in Physiology, 2020, 11, 542466.	2.8	11
151	Failure of castration to prevent the prepubescent decline in the circulating concentration of growth hormone in the domestic fowl. General and Comparative Endocrinology, 1984, 53, 398-401.	1.8	10
152	Ontogeny of the Hypothalamic-Pituitary (Growth Hormone)-Insulin-Like Growth Factor-I Axis in Birds. American Zoologist, 1997, 37, 524-535.	0.7	10
153	Physiology of Growth and Development. , 2000, , 635-656.		9
154	EFFECTS OF ATRAZINE ON SEXUAL MATURATION IN FEMALE JAPANESE QUAIL INDUCED BY PHOTOSTIMULATION OR EXOGENOUS GONADOTROPIN. Environmental Toxicology and Chemistry, 2006, 25, 233.	4.3	8
155	Pituitary Gland. , 2015, , 497-533.		8
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